

**IT IS THE VENDOR'S RESPONSIBILITY TO CHECK
FOR ADDENDUMS PRIOR TO SUBMITTING PROPOSALS**

NOTICE TO BIDDERS SPECIFICATION NO. 03-002

The City of Lincoln, Nebraska intends to enter into a contract, and invites you to submit a sealed bid for:

Truck Service Bodies

Sealed bids will be received by the City of Lincoln, Nebraska on or before **12:00 noon Wednesday, January 15, 2003**, in the office of the Purchasing Agent, Suite 200, K Street Complex, 440 South 8th Street, Lincoln, Nebraska 68508. Bids will be publicly opened and read at the K Street Complex.

Bidders should take caution if U.S. mail or mail delivery services are used for the submission of bids. Mailing should be made in sufficient time for bids to arrive in the Purchasing Division, prior to the time and date specified above.

INSTRUCTIONS TO BIDDERS

CITY OF LINCOLN, NEBRASKA PURCHASING DIVISION

1. BIDDING PROCEDURE

- 1.1 Bidder shall submit two (2) complete sets of the bid documents and all supporting material. All appropriate blanks shall be completed. Any interlineation, alteration or erasure on the specification document shall be initialed by the signer of the bid. Bidder shall not change the proposal form nor make additional stipulations on the specification document. Any amplified or qualifying information shall be on the bidder's letterhead and firmly attached to the specification document.
- 1.2 Bid prices shall be submitted on the Proposal Form included in the bid document.
- 1.3 Bidders may submit a bid on an "all or none" or "lump sum" basis, but should also submit a quotation on an item-by-item basis. Bidding documents shall be clearly marked indicating the kind of proposal being submitted.
- 1.4 Each bid must be legibly printed in ink or by typewriter, include the full name, business address, and telephone number of the bidder; and be signed in ink by the bidder.
- 1.5 A bid by a firm or organization other than a corporation must include the name and address of each member.
- 1.6 A bid by a corporation must be signed in the name of such corporation by a duly authorized official thereof.
- 1.7 Any person signing a bid for a firm, corporation, or other organization must show evidence of his authority so to bind such firm, corporation, or organization.
- 1.8 Bids received after the time and date established for receiving bids will be rejected.

2. BIDDER'S SECURITY

- 2.1 Bid security, as a guarantee of good faith, in the form of a certified check, cashier's check, or bidder's bond, may be required to be submitted with this bid document, as indicated of the Proposal Form.
- 2.2 If alternate bids are submitted, only one bid security will be required, provided the bid security is based on the amount of the highest gross bid.
- 2.3 Such bid security will be returned to the unsuccessful bidders when the award of bid is made.
- 2.4 Bid security will be returned to the successful bidder(s) as follows:
 - 2.4.1 For single order bids with specified quantities: upon the delivery of all equipment or merchandise, and upon final acceptance by the City.
 - 2.4.2 For all other contracts: upon approval by the City of the executed contract and bonds.
- 2.5 City shall have the right to retain the bid security of bidders to whom an award is being considered until either:
 - 2.5.1 A contract has been executed and bonds have been furnished.
 - 2.5.2 The specified time has elapsed so that the bids may be withdrawn.
 - 2.5.3 All bids have been rejected.

- 2.6 Bid security will be forfeited to the City as full liquidated damages, but not as a penalty, for any of the following reasons, as pertains to this specification document:

- 2.6.1 If the bidder fails to deliver the equipment or merchandise in full compliance with the accepted proposal and specifications.
- 2.6.2 If the bidder fails or refuses to enter into a contract on forms provided by the City, and/or if the bidder fails to provide sufficient bonds or insurance within the time period as established in this specification document.

3. EQUAL OPPORTUNITY

- 3.1 Each bidder agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, ancestry, disability, age, or marital status. Bidder shall fully comply with the provisions of Chapter 11.08 of the Lincoln Municipal Code.
- 3.2 Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16).
- 3.3 The Equal Opportunity Officer will determine compliance or non-compliance with the City's Affirmative Action Policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

4. DATA PRIVACY

- 4.1 Bidder agrees to abide by all applicable State and Federal laws and regulations concerning the handling and disclosure of private and confidential information concerning individuals and corporations as to inventions, copyrights, patents and patent rights.
- 4.2 The bidder agrees to hold the City harmless from any claims resulting from the bidder's unlawful disclosure or use of private or confidential information.

5. BIDDER'S REPRESENTATION

- 5.1 Each bidder by signing and submitting a bid, represents that the bidder has read and understands the specification documents, and the bid has been made in accordance therewith.
- 5.2 Each bidder for services further represents that the bidder is familiar with the local conditions under which the work is to be done and has correlated the observations with the requirements of the bid documents.

6. INDEPENDENT PRICE DETERMINATION

- 6.1 By signing and submitting this bid, the bidder certifies that the prices in this bid have been arrived at independently, without consultation, communication or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor; unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder prior to bid opening directly or indirectly to any other bidder or to any competitor; no attempt has been made, or will be made, by the bidder to induce any person or firm to submit, or not to submit, a bid for the purpose of restricting competition.

7. CLARIFICATION OF SPECIFICATION DOCUMENTS

- 7.1 Bidders shall promptly notify the Purchasing Agent of any ambiguity, inconsistency or error which they may discover upon examination of the specification documents.
- 7.2 Bidders desiring clarification or interpretation of the specification documents shall make a written request which must reach the Purchasing Agent at least seven (7) calendar days prior to the date and time for receipt of bids.
- 7.3 Interpretations, corrections and changes made to the specification documents will be made by written addenda.
- 7.4 Oral interpretations or changes to the Specification Documents made in any other manner, will not be binding on the City; and bidders shall not rely upon such interpretations or changes.

8. ADDENDA

- 8.1 Addenda are written instruments issued by the City prior to the date for receipt of bids which modify or interpret the specification document by addition, deletion, clarification or correction.
- 8.2 Addenda will be mailed or delivered to all who are known by the City to have received a complete set of specification documents.
- 8.3 Copies of addenda will be made available for inspection at the office of the Purchasing Agent.
- 8.4 No addendum will be issued later than forty-eight (48) hours prior to the date and time for receipt of bids, except an addendum withdrawing the invitation to bid, or an addendum which includes postponement of the bid.
- 8.5 Bidders shall ascertain prior to submitting their bid that they have received all addenda issued, and they shall acknowledge receipt of addenda on the proposal form.

9. ANTI-LOBBYING PROVISION

- 9.1 During the period between the bid close date and the contract award, bidders, including their agents and representatives, shall not directly discuss or promote their bid with any member of the City Council or City Staff except in the course of City-sponsored inquiries, briefings, interviews, or presentations, unless requested by the City.

10. BRAND NAMES

- 10.1 Wherever in the specifications or proposal form brand names, manufacturer, trade name, or catalog numbers are specified, it is for the purpose of establishing a grade or quality of material only; and the term "or equal" is deemed to follow.
- 10.2 It is the bidder's responsibility to identify any alternate items offered in the bid, and prove to the satisfaction of the City that said item is equal to, or better than, the product specified.
- 10.3 Bids for alternate items shall be stated in the appropriate brand on the proposal form, or if the proposal form does not contain blanks for alternates, bidder MUST attach to the specification documents on Company letterhead a statement identifying the manufacturer and brand name of each proposed alternate, plus a complete description of the alternate items including illustrations, performance test data and any other information necessary for an evaluation. The bidder must indicate any variances by item number from the specification document no matter how slight. Bidder must fully explain the variances from the specification document, since brochure information may not be sufficient.

- 10.4 If variations are not stated in the proposal, it will be assumed that the item being bid fully complies with the City's specifications.

11. DEMONSTRATIONS/SAMPLES

- 11.1 Bidders shall demonstrate the exact item(s) proposed within seven (7) calendar days from receipt of such request from the City.
- 11.2 Such demonstration can be at the City delivery location or a surrounding community.
- 11.3 If bidder does not have an item in the area, it will be at the bidder's expense to send appropriate City personnel to the nearest location to view and inspect proposed item(s).
- 11.4 If items are small and malleable, and the bidder is proposing an alternate product, the bidder MUST supply a sample of the exact item. Samples will be returned at bidder's expense after receipt by the City of acceptable goods. Bidders must indicate how samples are to be returned.

12. DELIVERY

- 12.1 Each bidder shall state on his proposal form the date upon which he can make delivery of all equipment or merchandise. Time required for delivery is hereby made an essential element of the bid.
- 12.2 The City reserves the right to cancel orders, or any part thereof, without obligation, if delivery is not made within the time(s) specified on the proposal form.
- 12.3 All bids shall be based upon **inside** delivery of the equipment or merchandise F.O.B. the City at the location specified by the City, with all transportation charges paid.

13. WARRANTIES, GUARANTEES AND MAINTENANCE

- 13.1 Copies of the following documents must accompany the bid proposal for all items being bid:
 - 13.1.1 Manufacturer's warranties and/or guarantees.
 - 13.1.2 Bidder's maintenance policies and associated costs.
- 13.2 As a minimum requirement of the City, the bidder will guarantee in writing that any defective components discovered within a one (1) year period after the date of acceptance shall be replaced at no expense to the City. Replacement parts of defective components shall be shipped at no cost to the City. Shipping costs for defective parts required to be returned to the bidder shall be paid by the bidder.
- 13.3 Bidder Warrants and represents to the City that all software/firmware/ hardware/equipment /systems developed, distributed, installed or programmed by Bidder pursuant to this Specification and Agreement.
 - 13.3.1 That all date recognition and processing by the software/firmware/hardware/equipment/system will include the four-digit-year format and will correctly recognize and process the date of February 29, and any related data, during Leap years; and
 - 13.3.2 That all date sorting by the software /firmware/hardware/ equipment/system that includes a "year category" shall be done based on the four-digit-year format. Upon being notified in writing by the City of the failure of any software/ firmware/ hardware /equipment /systems to comply with this Specification and Agreement, Contractor will, within 60 days and at no cost to the City, replace or correct the non-

complying software/ firmware/ hardware/ equipment/ systems with software/firmware/ hardware/equipment/ systems that does comply with this Specification and Agreement.

- 13.3.3 No Disclaimers: The warranties and representations set forth in this section 13.3 shall not be subject to any disclaimer or exclusion of warranties or to any limitations of Licensor's liability under this Specification and Agreement.

14. ACCEPTANCE OF MATERIAL

- 14.1 All components used in the manufacture or construction of materials, supplies and equipment, and all finished materials, shall be new, the latest make/model, of the best quality, and the highest grade workmanship.
- 14.2 Material delivered under this proposal shall remain the property of the bidder until:
- 14.2.1 A physical inspection and actual usage of this material is made and found to be acceptable to the City; and
- 14.2.2 Material is determined to be in full compliance with the specifications and accepted proposal.
- 14.3 In the event the delivered material is found to be defective or does not conform to the specification documents and accepted proposal, then the City reserves the right to cancel the order upon written notice to the bidder and return materials to the bidder at bidder's expense.
- 14.4 Successful bidder shall be required to furnish title to the material, free and clear of all liens and encumbrances, issued in the name of the City of Lincoln, Nebraska, as required by the specification documents or purchase orders.
- 14.5 Selling dealer's advertising decals, stickers or other signs shall not be affixed to equipment. Vehicle mud flaps shall be installed blank side out with no advertisements. Manufacturer's standard production forgings, stampings, nameplates and logos are acceptable.

15. BID EVALUATION AND AWARD

- 15.1 The signed bid proposal shall be considered an offer on the part of the bidder. Such offer shall be deemed accepted upon issuance by the City of purchase orders, contract award notifications, or other contract documents appropriate to the work.
- 15.2 No bid shall be modified or withdrawn for a period of sixty (60) calendar days after the time and date established for receiving bids, and each bidder so agrees in submitting the bid.
- 15.3 In case of a discrepancy between the unit prices and their extensions, the unit prices shall govern.
- 15.4 The bid will be awarded to the lowest responsive, responsible bidder whose proposal will be most advantageous to the City, and as the City deems will best serve their requirements.
- 15.5 The City reserves the right to accept or reject any or all bids; to request rebids; to award bids item-by-item, by groups, or "lump sum"; to waive irregularities and technicalities in bids; such as shall best serve the requirements and interests of the City.

16. INDEMNIFICATION

- 16.1 The bidder shall indemnify and hold harmless the City, its members, its officers and employees from and against all claims, damages, losses, and expenses, including, but not limited to attorney's fees arising out of or resulting from the performance of the contract, provided that any such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property other than goods, materials and equipment furnished under this contract) including the loss or use resulting therefrom; is caused in whole or part by any negligent act or omission of the bidder, any subcontractor, or anyone directly or indirectly employed by any one of them or anyone for whose acts made by any of them may be liable, regardless of whether or not it is caused by a party indemnified hereunder.
- 16.2 In any and all claims against the City or any of its members, officers or employees by an employee of the bidder, any subcontractor, anyone directly or indirectly employed by any of them or by anyone for whose acts made by any of them may be liable, the indemnification obligation under paragraph 16.1 shall not be limited in any way by any limitation of the amount or type of damages, compensation or benefits payable by or for the bidder or any subcontractor under worker's or workmen's compensation acts, disability benefit acts or other employee benefit acts.

17. TERMS OF PAYMENT

- 17.1 Unless other specification provisions state otherwise, payment in full will be made by the City within thirty (30) calendar days after all labor has been performed and all equipment or other merchandise has been delivered, and all such labor and equipment and other materials have met all contract specifications.

18. LAWS

- 18.1 The Laws of the State of Nebraska shall govern the rights, obligations, and remedies of the Parties under this proposal and any agreement reached as a result of this process.

EQUIPMENT SPECIFICATIONS
FOR
11 FOOT STEEL CRANE BODY WITH CRANE

1. APPLICATION

- 1.1 This crane body and crane will be mounted on a 2003, Ford F450, 15,000 GVWR 84" C.A. Cab and Chassis for use by the Public Works & Utilities Wastewater Section in repair and maintenance of sanitary sewer pump stations.

2. MODEL

- 2.1 The equipment furnished under these specifications shall be new of the latest improved model in current production as offered to the commercial trade.
- 2.2 Example Body and Crane Models:
- 2.2.1 Omaha Standard 132DV54 -6R
- 2.2.2 Knapheide 6132DLR
- 2.3 Advertised standard equipment of example bodies meets the general requirements for dimensions, design and construction.
- 2.4 All advertised standard equipment shall be provided whether or not specifically addressed.
- 2.5 All required non-standard items will be addressed in the technical specifications.
- 2.6 Bids shall include all installation, pick up of cab and chassis from 901 North 6th Street, Lincoln, Nebraska, and delivery costs.

Meets Specs.

Yes No

3. APPROXIMATE BODY DIMENSIONS

- | | | | |
|-----|-----|-----|------------------------------|
| ___ | ___ | 3.1 | 130" to 134" length |
| ___ | ___ | 3.2 | 93" to 96" width |
| ___ | ___ | 3.3 | 40" to 44" height |
| ___ | ___ | 3.4 | 50" to 55" floor width |
| ___ | ___ | 3.5 | 20" to 22" compartment depth |

4. COMPART MENTATION

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|-----|-----|-------|--|
| ___ | ___ | 4.1 | Street Side |
| ___ | ___ | 4.1.1 | Front Vertical: Seven (7) 250 lb. capacity shelves with 2" lip front and rear, spaced as follows from bottom to top to bottom:
3", 3", 3", 3", 5", 5", 5", 7". |
| ___ | ___ | 4.1.2 | Second Vertical: Two (2) 250 lb. capacity shelves with 2" lip front and rear, clip adjustable on 4" centers, with removable dividers on 2" centers. |
| ___ | ___ | 4.1.3 | Horizontal: One (1) eighteen drawer cabinet with one (1) book rack. |
| ___ | ___ | 4.1.4 | Rear Vertical: Two (2) 250 lb. capacity shelves with 2" lip front and rear, clip adjustable on 4" centers, with upper having removable dividers on 2" centers and lower shelf to act as mount plate for crane reservoir. |

Meets Specs.

Yes No

Company Name _____

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|-----|-----|-------|--|
| ___ | ___ | 4.2 | Curb Side |
| ___ | ___ | 4.2.1 | Front Vertical: Raised vented compartment with gas bottle retainer and two (2) swivel material hooks (1-0-1). |
| ___ | ___ | 4.2.2 | Second Vertical: Two (2) 250 lb. capacity shelves with 2" lip front and rear, clip adjustable on 4" centers, with removable dividers on 2" centers. |
| ___ | ___ | 4.2.3 | Horizontal: One (1) 250 lb. capacity pull-out shelf with 2" lip front and rear, with removable dividers on 2" centers. |
| ___ | ___ | 4.2.4 | Rear Vertical: 6000 lb. Crane reinforcement with one (1) fixed shelf installed as high as possible to act as a drip pan. One (1) fixed expanded metal shelf installed 15 inches below drip pan for Inverter installation. One (1) fixed expanded metal shelf installed 2 inches off compartment bottom for auxiliary battery installation. Compartment to be vented. |

5. ADDITIONAL EQUIPMENT AND ACCESSORIES

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|-----|-----|------|--|
| ___ | ___ | 5.1 | 12 ga. steel tread plate overlay on compartment tops, backs, bulkhead and ends. |
| ___ | ___ | 5.2 | Six (6) recessed 2000 lb. D-ring type cargo tie downs mounted in cargo floor. |
| ___ | ___ | 5.3 | Heavy-duty double spring retainer door holders on all swing open doors, with cable stays on drop down design doors. |
| ___ | ___ | 5.4 | Stainless steel weather proof, T-handle 3 point latch system on all doors, with key locks and automotive type neoprene continuous automotive door seals. |
| ___ | ___ | 5.5 | Full length stainless steel door hinges. |
| ___ | ___ | 5.6 | 3/16" steel tread plate floor. |
| ___ | ___ | 5.7 | Louvered rear window protector. |
| ___ | ___ | 5.8 | Two (2) chrome entry grab handles at rear of body. |
| ___ | ___ | 5.9 | 1/8 aluminum tread plate rock guards on lower front corners. |
| ___ | ___ | 5.10 | Full length drip moldings. |
| ___ | ___ | 5.11 | 14 ga. double panel 12" tailgate with slam type rotary latch and link arm supports. |

6. REAR BUMPER AND APRON

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|-----|-----|-----|---|
| ___ | ___ | 6.1 | Heavy-Duty tread plate steel 12" deep bumper with full width tread plate apron. |
| ___ | ___ | 6.2 | Bumper to be as wide as possible and still accommodate crane out rigger mounting. |
| ___ | ___ | 6.3 | Pintle hook recess with Holland #PH-T-60-AOL-8 hook with safety chain loops. |
| ___ | ___ | 6.4 | Ground to top of bumper to be approximately 24 inches. |
| ___ | ___ | 6.5 | Ground to center of pintle to be approximately 20 inches. |
| ___ | ___ | 6.6 | Bumper shall be complete with additional reinforcement to allow maximum capacities of pintle specified. |
| ___ | ___ | 6.7 | Top of bumper to be covered with non-skid polyurethane coating (Ultra-TUFF or equal) |

Meets Specs.

Yes No

Company Name _____

7. LIGHTING SYSTEM

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|-----|-----|--------|--|
| ___ | ___ | 7.1 | All lights to meet F.M.V.S.S. 108. |
| ___ | ___ | 7.2 | Flexible (tube) type compartment lights installed on sides and top of compartment door opening inner lip. |
| ___ | ___ | 7.3 | Stop, tail and turn light, grommet mounted Truck-Lite Super 44, 4" LED (sealed). |
| ___ | ___ | 7.4 | Back-up light, grommet mounted Truck-lite Model 44, 4" LED (sealed). |
| ___ | ___ | 7.5 | Rear clearance light, grommet mounted Truck-lite Model 30, 2" LED (sealed). |
| ___ | ___ | 7.6 | Side marker light, grommet mounted Truck-lite Model 30, 2" LED (sealed). |
| ___ | ___ | 7.7 | S/S/T, Back-up, Clearance and Marker lights to be installed in a bolt on light box module mounted as high as possible on end panels. |
| ___ | ___ | 7.8 | Rear identification markers (3), grommet mounted Truck-lite Model 30, 2" LED (sealed) installed as high as possible in rear apron. |
| ___ | ___ | 7.9 | Wiring harness for all 108 lighting, Truck-lite Series 88. |
| ___ | ___ | 7.10 | Two (2) work lights, Truck-Lite Model Par36 (#80438), installed on top right and left ends of rear window protector. |
| ___ | ___ | 7.11 | One (1) Whelen Series S360 (#360DAB) strobe light, installed on top center of rear window protector. |
| ___ | ___ | 7.12 | One (1) Whelen Power Control Center (#PCCHD2) under dash mounted, with switches labeled and wired as follows (left to right): |
| ___ | ___ | 7.12.1 | PTO |
| ___ | ___ | 7.12.2 | Strobe light |
| ___ | ___ | 7.12.3 | Compartment lights |
| ___ | ___ | 7.12.4 | Right work light |
| ___ | ___ | 7.12.5 | Left work light |
| ___ | ___ | 7.12.6 | Power inverter |
| ___ | ___ | 7.13 | Car Quest #CPR 70080 six pole round trailer receptacle. |
| ___ | ___ | 7.14 | All wiring to be loomed and install in a neat professional manner. |
| ___ | ___ | 7.15 | Wire splices to be soldered heat shrink type (crimp type connectors not acceptable). |

8. CRANE

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|-----|-----|------|---|
| ___ | ___ | 8.1 | Auto Crane Model 5005H. |
| ___ | ___ | 8.2 | Power extension from 10 to 16 feet. |
| ___ | ___ | 8.3 | Manual extension from 16 to 20 feet. |
| ___ | ___ | 8.4 | 370° power rotation with positive lock. |
| ___ | ___ | 8.5 | Automatic overload protection. |
| ___ | ___ | 8.6 | 5000 lbs. capacity @ 5 feet. |
| ___ | ___ | 8.7 | 1200 lbs. capacity @ 20 feet. |
| ___ | ___ | 8.8 | Power elevation, rotation, extension and winch. |
| ___ | ___ | 8.9 | Single line swivel block with hook. |
| ___ | ___ | 8.10 | 80' 5/16" aircraft quality cable. |
| ___ | ___ | 8.11 | Crane shall be mounted on curb side rear compartment. |
| ___ | ___ | 8.12 | Crane reinforcement shall be designed and installed in a manner which prevents damage to body or truck components during crane operation. |

Meets Specs.

Yes No

Company Name _____

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|-----|-----|--------|--|
| ___ | ___ | 8.13 | Crane installation to be performed in accordance with body manufacturer and Auto Crane recommendations. |
| ___ | ___ | 8.14 | Eight (8) function proportional control (OPTI-METER) with 20' removable pendant to control the following: |
| ___ | ___ | 8.14.1 | Rotation |
| ___ | ___ | 8.14.2 | Boom raise/lower |
| ___ | ___ | 8.14.3 | Boom extension/retract |
| ___ | ___ | 8.14.4 | Hoist in/out |
| ___ | ___ | 8.14.5 | Power on/off |
| ___ | ___ | 8.14.6 | Engine start/stop |
| ___ | ___ | 8.14.7 | Throttle speed control |
| ___ | ___ | 8.15 | Direct mount transmission PTO/PUMP combination. |
| ___ | ___ | 8.16 | PTO to be electric activated "HOT SHIFT" design. |
| ___ | ___ | 8.17 | PTO control switch will be in Power Control Center as described in section 7.12. |
| ___ | ___ | 8.18 | Minimum eight (8) gallon hydraulic reservoir mounted in street side rear vertical compartment on bottom shelf. |
| ___ | ___ | 8.19 | Electric throttle control to be supplied by the successful bidder. |
| ___ | ___ | 8.20 | Outriggers to be pin type roller bearing manual out, manual crank down design, Auto Crane #48301. |

9. POWER INVERTER

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|-----|-----|-----|---|
| ___ | ___ | 9.1 | Dimensions Model #DUI-12/2500 Quasi-sine AC power inverter. |
| ___ | ___ | 9.2 | Inverter shall be installed in curb side rear vertical compartment on shelf directly below top shelf (drip pan) as described in section 4.2.4. |
| ___ | ___ | 9.3 | BCI Group #31 deep cycle battery, minimum 180 Reserve Capacity installed in curb side rear vertical compartment on bottom shelf. (Battery to be in a marine type battery box) |
| ___ | ___ | 9.4 | Two (2) GFI duplex weather proof receptacles one each installed directly under light box modules on end panels. |
| ___ | ___ | 9.5 | Remote activated through Power Control Center as described in section 7.12. |
| ___ | ___ | 9.6 | Installation wiring and fusing shall meet or exceed all requirements as described in the Dimensions Installation Guide. |

10. MOUNTING

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|-----|-----|------|--|
| ___ | ___ | 10.1 | Provisions shall be made to the truck cab and chassis before the body is mounted, to fully support all the service body mounting frame and understructure. The method used must not jeopardize the truck warranty. All welding and construction techniques shall reflect professional workmanship. Body shall have provisions for gasoline filler pipe outside of compartment. |
| ___ | ___ | 10.2 | The addition of rear springs required to level service truck following installation of the body and crane, is the responsibility of the successful bidder. |

Meets Specs.
Yes No

Company Name _____

11. COLOR

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|-----|-----|------|---|
| ___ | ___ | 11.1 | Color shall match the cab color. |
| ___ | ___ | 11.2 | Pre-paint preparation shall be as advertised by example body manufacturer. |
| ___ | ___ | 11.3 | Final coat shall be Sherwin Williams SUNFIRE acrylic urethane or equal with application to meet or exceed all requirements as described the Product Data Sheet. |
| ___ | ___ | 11.4 | Complete under body to be coated with automotive type undercoating. |

12. WARRANTY

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|-----|-----|------|--|
| ___ | ___ | 12.1 | Manufacturer's standard warranty shall apply. |
| ___ | ___ | 12.2 | The manufacturer's standard warranty shall be stated in the bid proposal. |
| ___ | ___ | 12.3 | All warranty work will be performed at the Fleet Services Garage, 901 N. 6th Street, Lincoln, Nebraska, any transportation required for warranty work will be the vendor's responsibility. |

13. DELIVERY REQUIREMENTS

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|-----|-----|--------|--|
| ___ | ___ | 13.1 | The City of Lincoln will provide a new 2003 cab and chassis (15,000 GVWR, 84" CA) for mounting of body and crane. |
| ___ | ___ | 13.2 | It is the responsibility of the successful bidder to transport the cab and chassis from the Fleet Services Garage, 901 North 6th Street, Lincoln, Nebraska, to the successful bidders place of business. |
| ___ | ___ | 13.3 | The body supplier shall be responsible for supplying a completed vehicle sticker affixed to the vehicle in the proper location. |
| ___ | ___ | 13.4 | Any units showing the lack of proper dealers pre-delivery service will be subject to rejection until vehicle is properly serviced. |
| ___ | ___ | 13.5 | Dealer's decals, stickers or other signs shall not be put on the units; manufacturer's nameplates, stampings and other signs are acceptable. |
| ___ | ___ | 13.6 | Bidders shall state the maximum number of days, after receipt of chassis, the unit will be delivered to the City of Lincoln, complete and ready for operation. |
| ___ | ___ | 13.6.1 | Bidders should be as realistic as possible, whereas failure to meet the stated delivery will be a consideration in future bid awards. |
| ___ | ___ | 13.7 | The completed unit shall be delivered F.O.B. to the Fleet Services Garage, 901 North 6th Street, Lincoln, Nebraska, complete and ready for operation. |

14. ALTERNATE BID

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|-----|-----|------|---|
| ___ | ___ | 14.1 | FM (wireless control) head in lieu of pendent as indicated in section 8.14, all other specifications remain the same. |
| ___ | ___ | 14.2 | Dimensions Model #DUI-12/3500 Quasi-sine AC power inverter with dual BCI Group #31 deep cycle batteries in lieu of DUI-12/2500 with single battery as indicated in Section 9, all other specifications remain the same. |
| ___ | ___ | 14.3 | Full hydraulic outriggers Auto Crane #759100 in lieu of manual Auto Crane #480301 as indicated in section 8.19, all other specifications remain the same. |
| ___ | ___ | 14.4 | 20" deep bumper with removable vice stand and receiver tube in lieu of 12" as indicated in section 6.1, all other specifications remain the same. |

EQUIPMENT SPECIFICATIONS
FOR
9' STEEL SERVICE BODY WITH CRANE

1. APPLICATION

- 1.1 This service body with crane will be mounted on a 2003, Ford F450, 15,000 GVWR, 60" C.A. Cab and Chassis for use by the Public Works and Utilities Water Section in repair of water service lines, valves and hydrants.
- 1.2 Contact, Jim Chiles @ 402-441-4941 for detailed cab and chassis specifications.

2. MODEL

- 2.1 The equipment furnished under these specifications shall be new of the latest improved model in current production as offered to the commercial trade.
- 2.2 Example Body and Crane:
 - 2.2.1 Omaha Standard 108D54V with Auto Crane 3203PRX
 - 2.2.2 Knapheide 6108D54J with Auto Crane 3203PRX
- 2.3 Advertised standard equipment of example bodies meets the general requirements for dimensions, design and construction.
- 2.4 All advertised standard equipment shall be provided whether or not specifically addressed.
- 2.5 All required non-standard items will be addressed in the technical specifications.
- 2.6 Bids shall include all installation, pick up of cab and chassis from 901 North 6th Street, Lincoln, Nebraska, and delivery costs.

Meets Specs.

Yes No

3. APPROXIMATE BODY DIMENSIONS

- | | | | |
|-------|-------|-----|-----------------------|
| _____ | _____ | 3.1 | 108" length |
| _____ | _____ | 3.2 | 96" width |
| _____ | _____ | 3.3 | 40" height |
| _____ | _____ | 3.4 | 54" floor width |
| _____ | _____ | 3.5 | 20" compartment depth |

4. COMPARTMENTATION

- | | | | |
|-------|-------|-------|--|
| _____ | _____ | 4.1 | Street Side: |
| _____ | _____ | 4.1.1 | Front Vertical: Three (3) 250 lb. capacity shelves with 2" lip front and rear, clip adjustable on 4" centers, with removable dividers on 6" centers. |
| _____ | _____ | 4.1.2 | Horizontal: One (1) 250 lb. capacity pull-out shelf with 2" lip front and rear, with removable dividers on 6" centers. |
| _____ | _____ | 4.1.3 | Rear Vertical: Five (5) 250 lb. capacity pull-out shelves with 2" lip front and rear, clip adjustable on 4" centers. |
| _____ | _____ | 4.2 | Curb Side: |
| _____ | _____ | 4.2.1 | Front Vertical: Two (2) 250 lb. capacity shelves with 2" lip front and rear, clip adjustable on 4" centers, with removable dividers on 6" centers. |
| _____ | _____ | 4.2.2 | Horizontal: One (1) 250 lb. capacity pull-out shelf with 2" lip front and rear, with removable dividers on 6" centers. |

Meets Specs.
Yes No

Company Name _____

____ 4.2.3 Rear Vertical: 4,000 lb. crane reinforcement with one (1) fixed shelf installed as high as possible to act as a drip pan. One (1) fixed expanded metal shelf installed 15 inches below drip pan for Inverter installation. One (1) fixed expanded metal shelf installed 2 inches off compartment bottom for auxiliary battery installation.

5. ADDITIONAL EQUIPMENT AND ACCESSORIES

____ 5.1 12 ga. steel tread plate overlay on compartment tops, backs, bulkhead and ends.
____ 5.2 Six (6) recessed 2,000 lb. D-ring type cargo tie downs mounted in cargo floor.
____ 5.3 Heavy-duty double spring retainer door holders on all swing open doors, with cable stays on drop down design doors.
____ 5.4 Stainless steel weather proof, T-handle 3 point latch system on all doors, with key locks and automotive type neoprene continuous automotive door seals.
____ 5.5 Full length stainless steel door hinges.
____ 5.6 1/8" steel tread plate floor.
____ 5.7 Louvered rear window protector.
____ 5.8 Two (2) chrome entry grab handles at rear of body.
____ 5.9 1/8" aluminum tread plate rock guards on lower front corners.
____ 5.10 Full length drip molding.
____ 5.11 14 ga. double panel 12" tailgate with slam type rotary latch and link arm supports.

6. REAR BUMPER AND APRON

____ 6.1 Heavy-duty tread plate steel 12" deep bumper with full height and width tread plate apron.
____ 6.2 Bumper to be as wide as possible and still accommodate crane outrigger mounting.
____ 6.3 Pintle hook recess with Holland # PH-T-60-AOL-8 hook and safety chain loops.
____ 6.4 Ground to top of bumper to be approximately 24 inches.
____ 6.5 Ground to center of pintle to be approximately 20 inches.
____ 6.6 Bumper shall be complete with additional reinforcement to allow maximum towing capacities of pintle specified.
____ 6.7 Top of bumper to be covered with non-skid polyurethane coating (Ultra TUFF or equal).

7. LIGHTING SYSTEM

____ 7.1 All lights to meet F.M.V.S.S. 108
____ 7.2 Flexible (tube) type compartment lights installed on sides and top of compartment door opening inner lip.
____ 7.3 Stop, tail and turn lights, grommet mounted Truck Lite Model 44, 4" LED (sealed).
____ 7.4 Back-up lights, grommet mounted Truck-Lite Model 44, 4" LED (sealed).
____ 7.5 Rear clearance lights, grommet mounted Truck-Lite Model 30, 2" LED (sealed).
____ 7.6 Side marker lights, grommet mounted Truck-Lite Model 30, 2" LED (sealed).

Meets Specs.
Yes No

Company Name _____

- | | | | |
|-----|-----|--------|--|
| ___ | ___ | 7.7 | S/S/T, back-up, clearance and marker lights to be installed in a bolt on light box module mounted as high as possible on rear apron. |
| ___ | ___ | 7.8 | Rear identification markers (3), grommet mounted Truck-Lite Model 30, 2" LED (sealed) installed as high as possible in rear apron. |
| ___ | ___ | 7.9 | Wiring harness for all 108 lighting, Truck-Lite Series 88. |
| ___ | ___ | 7.10 | Two (2) work lights, Truck-Lite Model Par36 (#80438), installed on top right and left ends of bulkhead. |
| ___ | ___ | 7.11 | One (1) Whelen Series S360 (# 360 DAB) strobe light, installed on top center of bulkhead. |
| ___ | ___ | 7.12 | One (1) Whelen Traffic Advisor (#TA-850) installed on upper rear portion of bulkhead, and under dash mounted Control Head (#TACTRL1A). |
| ___ | ___ | 7.13 | One (1) Whelen Power Control Center (#PCCHD1) under dash mounted, with switches labeled and wired as follows (left to right). |
| ___ | ___ | 7.13.1 | Strobe light. |
| ___ | ___ | 7.13.2 | Compartment lights. |
| ___ | ___ | 7.13.3 | Right work light. |
| ___ | ___ | 7.13.4 | Left work light. |
| ___ | ___ | 7.13.5 | Power Inverter. |
| ___ | ___ | 7.13.6 | OPEN |
| ___ | ___ | 7.14 | Car Quest # CPR 70080 six pole round trailer receptacle. |
| ___ | ___ | 7.15 | All wiring to be loomed and installed in a neat and professional manner. |
| ___ | ___ | 7.16 | Wire splices to be soldered heat shrink type (crimp type connectors not acceptable). |

8. **CRANE**

- | | | | |
|-----|-----|--------|---|
| ___ | ___ | 8.1 | Auto Crane Model 3203 PRX. |
| ___ | ___ | 8.2 | Power boom extension from 7' to 11'. |
| ___ | ___ | 8.3 | Manual boom extension to 15'. |
| ___ | ___ | 8.4 | 360° continuous power rotation. |
| ___ | ___ | 8.5 | 3200 lb. capacity @ 3 foot. |
| ___ | ___ | 8.6 | 660 lb. capacity @ 15 foot. |
| ___ | ___ | 8.7 | Power elevation, rotation and winch. |
| ___ | ___ | 8.8 | Single line swivel block with hook. |
| ___ | ___ | 8.9 | 62' of 7/32" aircraft quality cable. |
| ___ | ___ | 8.10 | Crane shall be mounted on curb side rear of cargo area. |
| ___ | ___ | 8.11 | Crane reinforcement shall be designed and installed in a manner which prevents damage to the body or truck components during crane operation. |
| ___ | ___ | 8.12 | Crane installation to be performed in accordance with body manufacture and Auto Crane recommendations. |
| ___ | ___ | 8.13 | Three (3) function control with 18' removable pendent to control the following: |
| ___ | ___ | 8.13.1 | Rotation |
| ___ | ___ | 8.13.2 | Boom raise/lower |
| ___ | ___ | 8.13.3 | Hoist in/out |
| ___ | ___ | 8.14 | Crane will be powered through BCI Group # 31 deep cycle battery, minimum 180 Reserve Capacity installed in curb side rear vertical compartment on bottom shelf. (Battery to be in a marine type battery box). |
| ___ | ___ | 8.15 | Outriggers to be pin type manual out, crank down design Auto Crane # 725572. |

9. POWER INVERTOR

- | | | |
|---------------|---------------|--|
| <u> </u> | <u> </u> | 9.1 Dimensions Model #DUI-12/2500 Quasi-sine AC power inverter. |
| <u> </u> | <u> </u> | 9.2 Inverter shall be installed in curb side rear vertical compartment on shelf directly below top shelf (drip pan) as described in section 4.2.3. |
| <u> </u> | <u> </u> | 9.3 BCI Group #31 deep cycle battery, minimum 180 Reserve Capacity installed in curb side rear vertical compartment on bottom shelf. (Battery to be in a marine type battery box.) |
| <u> </u> | <u> </u> | 9.4 Two (2) GFI duplex weather proof receptacles, one each installed directly under light box modules on end panels. |
| <u> </u> | <u> </u> | 9.5 Remote activated through Power Control Center as described in section 7.12. |
| <u> </u> | <u> </u> | 9.6 Installation wiring and fusing shall meet or exceed all requirements as described in the Dimensions Installation Guide. |

10. MOUNTING

- | | | |
|---------------|---------------|---|
| <u> </u> | <u> </u> | 10.1 Provisions shall be made to the truck cab and chassis before the body is mounted, to fully support the body mounting frame and understructure. The method used must not jeopardize the truck warranty. All welding and construction techniques shall reflect professional workmanship. Body shall have provision for fuel filler outside of compartment. |
| <u> </u> | <u> </u> | 10.2 The addition of rear springs required to level the truck following installation of body and crane, is the responsibility of the successful bidder. |

11. COLOR

- | | | |
|---------------|---------------|--|
| <u> </u> | <u> </u> | 11.1 Color shall match cab color. |
| <u> </u> | <u> </u> | 11.2 Pre-paint preparation shall be as advertised by the example body manufacture. |
| <u> </u> | <u> </u> | 11.3 Finial coat shall be Sherwin Williams SUNFIRE acrylic urethane or equal with application to meet or exceed all requirements as described in the Product Data Sheet. |
| <u> </u> | <u> </u> | 11.4 Complete underbody to be coated with automotive type undercoat. |

12. WARRANTY

- | | | |
|---------------|---------------|---|
| <u> </u> | <u> </u> | 12.1 Manufacture's standard warranty shall apply. |
| <u> </u> | <u> </u> | 12.2 The manufacture's standard warranty shall be stated in the bid proposal. |
| <u> </u> | <u> </u> | 12.3 All warranty work will be performed at the Fleet Services Garage, 901 N. 6 th Street, Lincoln, Nebraska, any transportation required for warranty work will be the vendor's responsibility. |

13. DELIVERY REQUIREMENTS

- | | | |
|---------------|---------------|---|
| <u> </u> | <u> </u> | 13.1 The City of Lincoln will provide a new 2003 Ford F450 cab and chassis (15,000 lb. GVWR, 60" CA) for mounting of the body and accessories. |
| <u> </u> | <u> </u> | 13.2 It is the responsibility of the successful bidder to transport the cab and chassis from the Fleet Services Garage, 901 N. 6 th Street, Lincoln, Nebraska to successful bidders place of business. |
| <u> </u> | <u> </u> | 13.3 The body supplier shall be responsible for supplying a completed vehicle sticker affixed to the vehicle in the proper location. |
| <u> </u> | <u> </u> | 13.4 Any units showing a lack of proper dealers pre-delivery service will be subject to rejection until vehicle is properly serviced. |
| <u> </u> | <u> </u> | 13.5 Dealer's decals, stickers or other signs shall not be put on units; manufacture's nameplates, stampings and other signs are acceptable. |

Meets Specs.
Yes No

Company Name _____

- | | | | |
|-----|-----|--------|--|
| ___ | ___ | 13.6 | Bidders shall state the maximum number of days, after receipt of chassis, the unit will be delivered to the City of Lincoln, complete and ready for operation. |
| ___ | ___ | 13.6.1 | Bidder's should be as realistic as possible, whereas failure to meet the stated delivery will be a consideration in future bid awards. |
| ___ | ___ | 13.7 | The completed unit shall be delivered F.O.B. to Fleet Services Garage, 901 N. 6 th Street, Lincoln, Nebraska complete and ready for operation. |

EQUIPMENT SPECIFICATIONS
FOR
MODIFIED 9' PLATFORM BODY WITH CRANE

1. APPLICATION

- 1.1 This platform body with crane will be mounted on a 2003, Ford F350, 11,200 GVWR, 60" C.A. Cab and Chassis for use by the Parks and Recreation Department as a Welding Service truck in repair of park facilities and structures.
- 1.2 Contact, Jim Chiles @ 402-441-4941 for detailed cab and chassis specifications.

2. MODEL

- 2.1 The equipment furnished under these specifications shall be new of the latest improved model in current production as offered to the commercial trade.
- 2.2 Example Body and Crane:
- 2.2.1 Omaha Standard B9W with Auto Crane 3203PRX
- 2.2.2 Knapheide PG-93B with Auto Crane 3203PRX
- 2.3 Advertised standard equipment of example bodies meets the general requirements for dimensions, design and construction.
- 2.4 All advertised standard equipment shall be provided whether or not specifically addressed.
- 2.5 All required non-standard items will be addressed in the technical specifications.
- 2.6 Bids shall include all installation, pick up of cab and chassis from 901 North 6th Street, Lincoln, Nebraska, and delivery costs.

Meets Specs.

Yes No**3. APPROXIMATE BODY DIMENSIONS**

- | | | | |
|-------------|-------------|-----|---------------------|
| <u> </u> | <u> </u> | 3.1 | 108" to 111" length |
| <u> </u> | <u> </u> | 3.2 | 94" to 96" width |

4. FABRICATED COMPARTMENTS

- | | | | |
|-------------|-------------|-------|---|
| <u> </u> | <u> </u> | 4.1 | Front street and curb sides of cargo area will be modified as required to accommodate the following permanent mount fabricated compartments as follows: |
| <u> </u> | <u> </u> | 4.1.1 | Compartments to be similar design and construction as those normally found to be front, raised compartments of a Crane Body. |
| <u> </u> | <u> </u> | 4.1.2 | Mounting to be as far forward as possible with doors flush with tie down rails. |
| <u> </u> | <u> </u> | 4.1.3 | Bottom of compartment to be even with the bottom of the cab. |
| <u> </u> | <u> </u> | 4.1.4 | Compartment shell constructed of 14ga. Galvanneal steel with 12 ga.. steel tread plate overlay on compartment tops, backs and ends. |
| <u> </u> | <u> </u> | 4.1.5 | Doors constructed of double panel 20 ga. Galvanneal steel with center reinforcement. |
| <u> </u> | <u> </u> | 4.1.6 | Heavy-duty double spring door retainer door holders. |
| <u> </u> | <u> </u> | 4.1.7 | Stainless steel weather proof, T-handle 3 point latch system on all doors, with key locks and automotive type neoprene continuous door seals. |
| <u> </u> | <u> </u> | 4.1.8 | Full length stainless steel door hinges. |
| <u> </u> | <u> </u> | 4.1.9 | Drip molding above compartment doors. |

Meets Specs.
Yes No

Company Name _____

- | | | | |
|-----|-----|---------|--|
| ___ | ___ | 4.2 | Approximate front compartment dimensions: |
| ___ | ___ | 4.2.1 | 32" width |
| ___ | ___ | 4.2.2 | 60" height |
| ___ | ___ | 4.2.3 | 20" depth |
| ___ | ___ | 4.3 | Compartmentation as follows: |
| ___ | ___ | 4.3.1 | Street side: Five (5) 250 lb. capacity shelves with 2" front and rear lip, clip adjustable on 4" centers. |
| ___ | ___ | 4.3.2 | Curb side : Vertical full height divider forming 18" wide front section, and 14" wide rear section with single door. |
| ___ | ___ | 4.3.2.1 | Front Section: Vented compartment with dual gas bottle retainers. |
| ___ | ___ | 4.3.2.2 | Rear Section: Two (2) 250 lb. capacity shelves with 2" front and rear lip adjustable on 4" centers. |
| ___ | ___ | 4.4 | 1/8" aluminum tread plate rock guards on lower front corners. |

5. ADDITIONAL EQUIPMENT AND ACCESSORIES

- | | | | |
|-----|-----|-------|--|
| ___ | ___ | 5.1 | 1/8" steel tread plate floor. |
| ___ | ___ | 5.2 | Reinforced stake pockets for 2 x 4 lumber. |
| ___ | ___ | 5.3 | 1/4"x2" banding or tie down rail on street and curb sides. |
| ___ | ___ | 5.4 | Heavy-duty steel bulkhead with louvered rear window protector. |
| ___ | ___ | 5.5 | Anti-sail mud flaps. |
| ___ | ___ | 5.6 | Four (4) recessed 2000 lb. D-Ring type cargo tie downs in cargo floor. |
| ___ | ___ | 5.7 | 4000 lb. crane reinforcement for cargo area right rear mounting. |
| ___ | ___ | 5.8 | Stow stand for crane boom and hook for swivel block. |
| ___ | ___ | 5.9 | Right and left side rear underbed boxes, Weather Guard # 627 (18x18x24). |
| ___ | ___ | 5.9.1 | Underbed boxes to be weather resistant with slam type key locking latches (keyed alike). |

6. REAR BUMPER AND APRON

- | | | | |
|-----|-----|-----|--|
| ___ | ___ | 6.1 | Heavy-duty tread plate steel 12" deep bumper with full height and width tread plate apron. |
| ___ | ___ | 6.2 | Bumper to be as wide as possible and still accommodate crane outrigger mounting. |
| ___ | ___ | 6.3 | Pintle hook recess with Holland # PH-T-60-AOL-8 hook and safety chain loops. |
| ___ | ___ | 6.4 | Ground to top of bumper to be approximately 24 inches. |
| ___ | ___ | 6.5 | Ground to center of pintle to be approximately 20 inches. |
| ___ | ___ | 6.6 | Bumper shall be complete with additional reinforcement to allow maximum towing capacities of pintle specified. |
| ___ | ___ | 6.7 | Top of bumper to be covered with non-skid polyurethane coating (Ultra TUFF or equal). |

7. LIGHTING SYSTEM

- | | | | |
|-----|-----|-----|---|
| ___ | ___ | 7.1 | All lights to meet F.M.V.S.S. 108 |
| ___ | ___ | 7.2 | Flexible (tube) type compartment lights installed on sides and top of compartment door opening inner lip. |
| ___ | ___ | 7.3 | Stop, tail and turn lights, grommet mounted Truck-Lite Model 44, 4" LED (sealed). |

Meets Specs.
Yes No

Company Name _____

- | | | | |
|-----|-----|--------|--|
| ___ | ___ | 7.4 | Back-up lights, grommet mounted Truck-Lite Model 44, 4" LED (sealed). |
| ___ | ___ | 7.5 | Rear clearance lights, grommet mounted Truck-Lite Model 30, 2" LED (sealed). |
| ___ | ___ | 7.6 | Side marker lights, grommet mounted Truck-Lite Model 30, 2" LED (sealed). |
| ___ | ___ | 7.7 | S/S/T, back-up, clearance and marker lights to be installed in a bolt on light box module mounted as high as possible on rear apron. |
| ___ | ___ | 7.8 | Rear identification markers, grommet mounted Truck-Lite Model 30, 2" LED (sealed) installed as high as possible in rear apron. |
| ___ | ___ | 7.9 | Wiring harness for all 108 lighting, Truck-Lite Series 88 |
| ___ | ___ | 7.10 | Two (2) work lights, Truck-Lite Model Par36 (#80438), installed on top right and left ends of bulkhead. |
| ___ | ___ | 7.11 | One (1) Whelen Series S360 (# 360 DAB) strobe light, installed on top center of bulkhead. |
| ___ | ___ | 7.12 | One (1) Whelen Power Control Center (#PCCHD1) under dash mounted, with switches labeled and wired as follows (left to right). |
| ___ | ___ | 7.12.1 | Strobe light. |
| ___ | ___ | 7.12.2 | Compartment lights. |
| ___ | ___ | 7.12.3 | Right work light. |
| ___ | ___ | 7.12.4 | Left work light. |
| ___ | ___ | 7.12.5 | OPEN |
| ___ | ___ | 7.12.6 | OPEN |
| ___ | ___ | 7.13 | Car Quest # CPR 70080 six pole round trailer receptacle. |
| ___ | ___ | 7.14 | All wiring to be loomed and installed in a neat and professional manner. |
| ___ | ___ | 7.15 | Wire splices to be soldered heat shrink type (crimp type connectors not acceptable). |

8. **CRANE**

- | | | | |
|-----|-----|--------|--|
| ___ | ___ | 8.1 | Auto Crane Model 3203 PRX |
| ___ | ___ | 8.2 | Power boom extension from 7' to 11'. |
| ___ | ___ | 8.3 | Manual boom extension to 15'. |
| ___ | ___ | 8.4 | 360° continuous power rotation. |
| ___ | ___ | 8.5 | 3200 lb. capacity @ 3 foot. |
| ___ | ___ | 8.6 | 660 lb. capacity @ 15 foot. |
| ___ | ___ | 8.7 | Power elevation, rotation and winch. |
| ___ | ___ | 8.8 | Single line swivel block with hook. |
| ___ | ___ | 8.9 | 62' of 7/32" aircraft quality cable. |
| ___ | ___ | 8.10 | Crane shall be mounted on curb side rear of cargo area. |
| ___ | ___ | 8.11 | Crane reinforcement shall be designed and installed in a manner which prevents damage to the body or truck components during crane operation. |
| ___ | ___ | 8.12 | Crane installation to be performed in accordance with body manufacture and Auto Crane recommendations. |
| ___ | ___ | 8.13 | Three (3) function control with 18' removable pendant to control the following: |
| ___ | ___ | 8.13.1 | Rotation. |
| ___ | ___ | 8.13.2 | Boom raise/lower |
| ___ | ___ | 8.13.3 | Hoist in/out |
| ___ | ___ | 8.14 | Crane will be powered through BCI Group # 31 deep cycle battery, minimum 180 Reserve Capacity installed in curb side rear under bed box. (Battery to be in a marine type battery box). |

Meets Specs.
Yes No

Company Name _____

___ ___ 8.15 Outriggers to be pin type manual out, crank down design Auto Crane # 725572.

9. MOUNTING

___ ___ 9.1 Provisions shall be made to the truck cab and chassis before the body is mounted, to fully support the body mounting frame and understructure. The method used must not jeopardize the truck warranty. All welding and construction techniques shall reflect professional workmanship. Body shall have provision for fuel filler outside of compartment.

___ ___ 9.2 The addition of rear springs required to level the truck following installation of body and crane, is the responsibility of the successful bidder.

10. COLOR

___ ___ 10.1 Color of body, fabricated compartments, bumper and apron, bulkhead and rear window protector to be black.

___ ___ 10.2 Crane and underbed boxes to remain manufacture's standard.

___ ___ 10.3 Pre-paint preparation shall be as advertised by the example body manufacture.

___ ___ 10.4 Final coat shall be Sherwin Williams SUNFIRE acrylic urethane or equal with application to meet or exceed all requirements as described in the Product Data Sheet.

___ ___ 10.5 Complete underbody to be coated with automotive type undercoat.

11. WARRANTY

___ ___ 11.1 Manufacture's standard warranty shall apply.

___ ___ 11.2 The manufacture's standard warranty shall be stated in the bid proposal.

___ ___ 11.3 All warranty work will be performed at the Fleet Services Garage, 901 N. 6th Street, Lincoln, Nebraska, any transportation required for warranty work will be the vendor's responsibility.

12. DELIVERY REQUIREMENTS

___ ___ 12.1 The City of Lincoln will provide a new 2003 Ford F350 cab and chassis (11,200 lb. GVWR, 60" CA) for mounting of the body and accessories.

___ ___ 12.2 It is the responsibility of the successful bidder to transport the cab and chassis from the Fleet Services Garage, 901 N. 6th Street, Lincoln, Nebraska to successful bidders place of business.

___ ___ 12.3 The body supplier shall be responsible for supplying a completed vehicle sticker affixed to the vehicle in the proper location.

___ ___ 12.4 Any units showing a lack of proper dealers pre-delivery service will be subject to ejection until vehicle is properly serviced.

___ ___ 12.5 Dealer's decals, stickers or other signs shall not be put on units; manufacture's nameplates, stampings and other signs are acceptable.

___ ___ 12.6 Bidders shall state the maximum number of days, after receipt of chassis, the unit will be delivered to the City of Lincoln, complete and ready for operation.

___ ___ 12.6.1 Bidder's should be as realistic as possible, whereas failure to meet the stated delivery will be a consideration in future bid awards.

___ ___ 12.7 The completed unit shall be delivered F.O.B. to Fleet Services Garage, 901 N. 6th Street, Lincoln, Nebraska complete and ready for operation.

EQUIPMENT SPECIFICATIONS
FOR
2-3 CUBIC YARD DUMP BODY WITH FOLD DOWN SIDES
AND REMOVABLE ENCLOSURE

1. APPLICATION

- 1.1 This dump body will be mounted on a 2003, Ford F550, 17,500 GVWR, 84" C.A. Cab and Chassis for use by the Parks & Recreation, Forestry Section as both a Chipper Truck and a General Purpose Dump, with the top enclosure removed.
- 1.2 Contact, Jim Chiles @ 402-441-4941 for detailed cab and chassis specifications.

2. MODEL

- 2.1 The equipment furnished under these specifications shall be new of the latest improved model in current production as offered to the commercial trade.
- 2.2 Example Body and Hoist:
 - 2.2.1 Omaha Standard Eagle Dump DE111496 with 520SF Hoist
 - 2.2.2 Crysteel 11'- 2 to 3 Yard Tipper with LB510 Hoist.
 - 2.2.3 Galion 152 UDS with Harsh RL D40 Hoist
 - 2.2.4 All bodies bid shall be minimum 10 ga. floor and 12 ga. sides and ends.
- 2.3 Advertised standard equipment of example bodies meets the general requirements for dimensions, design and construction.
- 2.4 All advertised standard equipment shall be provided whether or not specifically addressed.
- 2.5 All required non-standard items will be addressed in the technical specifications.
- 2.6 Bids shall include all installation, pick up of cab and chassis from 901 North 6th Street, Lincoln, Nebraska, and delivery costs.

Meets Specs.

Yes No

- | | |
|---|--|
| <p>___</p> <p>___</p> <p>___</p> <p>___</p> | <p>3. <u>APPROXIMATE BODY DIMENSIONS</u></p> <p>3.1 132" length</p> <p>3.2 93" to 96" width</p> <p>3.3 10" to 14" side height</p> <p>3.4 16" to 20" tailgate</p> <p>4. <u>ADDITIONAL EQUIPMENT AND ACCESSORIES</u></p> <p>4.1 Fold down sides on both street and curb sides.</p> <p>4.2 Brackets for 2" nominal side board extensions.</p> <p>4.3 Heavy-duty 1/4 coverage steel cab protector.</p> <p>4.4 Fully boxed, double acting tailgate with left front quick release lever and spread chains.</p> <p>4.5 Anti-sail mud flaps.</p> <p>4.6 Tekonsha Prodigy #90185 electric brake controller with #3035 harness.</p> <p>4.7 Right and left side underbed boxes, Weather Guard #648 (18"x18"x48").</p> <p>4.7.1 Underbed boxes to weather resistant with slam type key locking latches (keyed alike.)</p> <p>5. <u>HOIST</u></p> <p>5.1 Low mount, sub-frame scissors type, double acting.</p> <p>5.2 Direct mount transmission PTO/PUMP combination.</p> <p>5.3 PTO to be electric activated "HOT SHIFT" design.</p> |
|---|--|

Meets Specs.
Yes No

Company Name _____

- | | | | |
|-----|-----|-----|---|
| ___ | ___ | 5.4 | Electric hoist control with dash mounted lighted switch. |
| ___ | ___ | 5.5 | 50° dump angle with minimum 9.5 ton lift capacity. |
| ___ | ___ | 5.6 | Safety body prop. |
| ___ | ___ | 5.7 | Body raise indicator light. |
| ___ | ___ | 5.8 | PTO control switch will be in Power Control Consol as described in section 6.6.4. |

6. LIGHTING SYSTEM

- | | | | |
|-----|-----|---------|--|
| ___ | ___ | 6.1 | Lighting must meet F.M.V.S.S. 108. |
| ___ | ___ | 6.2 | Clearance, side marker and rear identification lights, grommet mounted Truck-Lite Model 30, 2" LED (sealed), with Truck-Lite Series 88 wiring harness. |
| ___ | ___ | 6.3 | North American Signal Company Model AB light mount bar, installed on cab roof. |
| ___ | ___ | 6.4 | Two (2) Truck-Lite Model Par36 (#80438) work lights, installed on right and left side of light mount bar. |
| ___ | ___ | 6.5 | Existing stop, tail and turn lights shall be removed. |
| ___ | ___ | 6.6 | Whelen DOT3-202D emergency lighting system as follows: |
| ___ | ___ | 6.6.1 | Whelen DOT 3-6HBG strobe head with optional branch guard mounted in center of light mount bar. |
| ___ | ___ | 6.6.2 | Whelen DOT3-200D light assemblies mounted on outside of rear body corner posts. |
| ___ | ___ | 6.6.3 | Whelen ISP94 strobe light power supply mounted behind drivers seat. |
| ___ | ___ | 6.6.4 | Whelen PCCHD2 power control console, under dash mounted, with switches labeled and wired as follows (left to right). |
| ___ | ___ | 6.6.4.1 | PTO |
| ___ | ___ | 6.6.4.2 | Front strobe |
| ___ | ___ | 6.6.4.3 | Rear strobe |
| ___ | ___ | 6.6.4.4 | Day |
| ___ | ___ | 6.6.4.5 | Night |
| ___ | ___ | 6.6.4.6 | Work Lights |
| ___ | ___ | 6.6.5 | Heavy-duty corrosion resistant TPR jacketed cable set with "Deutsch" water proof connectors. |
| ___ | ___ | 6.7 | Car Quest #CPR70080 six pole round trailer receptacle. |
| ___ | ___ | 6.8 | All wiring to be loomed and installed in a neat and professional manner. |
| ___ | ___ | 6.9 | Wire splices to be soldered heat shrink type (crimp type connectors not acceptable). |

7. HITCH FRAME AND PINTLE

- | | | | |
|-----|-----|-----|---|
| ___ | ___ | 7.1 | Reinforced steel hitch frame to include heavy-duty safety chain loops. |
| ___ | ___ | 7.2 | Hitch frame to be constructed of 3/8" plate steel, full frame width and height to allow 19" ground to center of pintle. |
| ___ | ___ | 7.3 | Holland #PH-T-50-AOL-8 installed with grade #8 bolts and lock nuts. |
| ___ | ___ | 7.4 | Pintle mount to back of body approximately 14". |

8. REMOVABLE ENCLOSURE

- | | | | |
|-----|-----|-----|--|
| ___ | ___ | 8.1 | Enclosure to be closed on front and sides with rear open to act as chipper body. |
|-----|-----|-----|--|

Meets Specs.
Yes No

Company Name _____

- | | | | |
|-----|-----|-----|--|
| ___ | ___ | 8.2 | Enclosure shall sit on top of body sides and front formed rail utilizing the side extension brackets as mounting frames. |
| ___ | ___ | 8.3 | Length and width dimensions to meet body sides and front formed rail (see 8.2) with height 66" from body floor to enclosure top. |
| ___ | ___ | 8.4 | Enclosure to be constructed of 12 ga. A1011 steel with 10 ga. formed steel channel reinforcement as required. |
| ___ | ___ | 8.5 | Reinforcement shall incorporate picking eyes for easy removal and installation. |
| ___ | ___ | 8.6 | roof to sidewall to be 45° design with gussets in rear corners. |
| ___ | ___ | 8.7 | Enclosure to be bolted down at side extension pockets and reinforced in that area as required. |
| ___ | ___ | 8.8 | Drawings and specifications of enclosure offered must accompany your bid. |

9. MOUNTING

- | | | | |
|-----|-----|-----|--|
| ___ | ___ | 9.1 | Provisions shall be made to the truck cab and chassis before the body is mounted, to fully support the body mounting frame and understructure. The method used must not jeopardize the truck warranty. All welding and construction techniques shall reflect professional workmanship. Body shall have provision for fuel filler outside of compartment. |
|-----|-----|-----|--|

10. COLOR

- | | | | |
|-----|-----|------|--|
| ___ | ___ | 10.1 | Color shall match the cab color. |
| ___ | ___ | 10.2 | Pre-paint preparation shall be as advertised by example body manufacturer. |
| ___ | ___ | 10.3 | Final coat shall be Sherwin Williams SUNFIRE acrylic urethane or equal with application to meet or exceed all requirements as described in the Product Data Sheet. |
| ___ | ___ | 10.4 | Complete under body to be coated with automotive type undercoat. |

11. WARRANTY

- | | | | |
|-----|-----|------|--|
| ___ | ___ | 11.1 | Manufacturer's standard warranty shall apply. |
| ___ | ___ | 11.2 | The manufacturer's standard warranty shall be stated in the bid proposal. |
| ___ | ___ | 11.3 | All warranty work will be performed at the Fleet Services Garage, 901 N. 6th Street, Lincoln, Nebraska, any transportation required for warranty work will be the vendor's responsibility. |

12. DELIVERY REQUIREMENTS

- | | | | |
|-----|-----|------|--|
| ___ | ___ | 12.1 | The City of Lincoln will provide a new 2003 Ford F550 cab and chassis (17,500 lb. GVWR, 84" CA) for mounting of the body. |
| ___ | ___ | 12.2 | It is the responsibility of the successful bidder to transport the cab and chassis from the Fleet Services Garage, 901 North 6th Street, Lincoln, Nebraska, to the successful bidders place of business. |
| ___ | ___ | 12.3 | The body supplier shall be responsible for supplying a completed vehicle sticker affixed to the vehicle in the proper location. |
| ___ | ___ | 12.4 | Any units showing the lack of proper dealers pre-delivery service will be subject to rejection until vehicle is properly serviced. |
| ___ | ___ | 12.5 | Dealer's decals, stickers or other signs shall not be put on the units; manufacturer's nameplates, stampings and other signs are acceptable. |

Meets Specs.
Yes No

Company Name _____

- | | | | |
|------|-----|--------|--|
| ___ | ___ | 12.6 | Bidders shall state the maximum number of days, after receipt of chassis, the unit will be delivered to the City of Lincoln, complete and ready for operation. |
| ___ | ___ | 12.6.1 | Bidders should be as realistic as possible, whereas failure to meet the stated delivery will be a consideration in future bid awards. |
| ___ | ___ | 12.7 | The completed unit shall be delivered F.O.B. to Fleet Services Garage, 901 North 6th Street, Lincoln, Nebraska, complete and ready for operation. |
|
 | | | |
| ___ | ___ | 13. | <u>ALTERNATE BID</u> |
| ___ | ___ | 13.1 | Delete Item #8 (REMOVABLE ENCLOSURE) all other specifications remain the same. |

Specification 03-002
Truck Service Bodies
Open 12:00 Noon, Wednesday January 15, 2003

BIDDING SCHEDULE

<u>ITEM</u>	<u>ITEM DESCRIPTION</u>	<u>QUANTITY</u>	<u>UNIT</u>	<u>TOTAL</u>
1.	11 Foot Steel Crane Body with Crane Mfg. _____ Model _____	1 each	\$ _____	\$ _____
Option 1.1	FM (wireless control) head in lieu of pendent as indicated in section 8.14, all other specifications remain the same	each	\$ _____	\$ _____
Option 1.2	Dimensions Model #DUI-12/3500 Quasi-sine AC power inverter with dual BCI Group #31 deep cycle batteries in lieu of 12/2500 with single battery as indicated in section 9, all other specifications remain the same	each	\$ _____	\$ _____
Option 1.3	Full hydraulic outriggers Auto Crane # 759100 in lieu of manual Auto Crane #480301 as indicated in section 8.19, all other specifications remain the same	each	\$ _____	\$ _____
Option 1.4	20" Deep bumper with removable vice stand and receiver tube in lieu of 12" as indicated in section 6.1, all other specifications remain the same	each	\$ _____	\$ _____
2.	9 Foot Service Body Mfg. _____ Model _____	1 each	\$ _____	\$ _____
3.	9 Foot Platform Body Mfg. _____ Model _____	1 each	\$ _____	\$ _____
4.	2-3 yard Dump Body with fold down Sides Mfg. _____ Model _____	1 each	\$ _____	\$ _____
Option 4.1	Delete Item #8 (REMOVABLE ENCLOSURE) all other specifications remain the same.	(delete)	\$ _____	\$ _____
5.	Additional Discount if awarded more than one item	Lump Sum	% _____	% _____
6.	Additional Discount if awarded all items	Lump Sum	% _____	% _____

AFFIRMATIVE ACTION PROGRAM: Successful bidder will be required to comply with the provisions of the City's Affirmative Action Policy (Contract Compliance, Sec. 1.16). The Equal Opportunity Officer will determine compliance or non-compliance with the City's policy upon a complete and substantial review of successful bidder's equal opportunity policies, procedures and practices.

The undersigned signatory for the bidder represents and warrants that he has full and complete authority to submit this proposal to the City, and to enter into a contract if this proposal is accepted.

**RETURN 2 COMPLETE COPIES OF PROPOSAL AND SUPPORTING MATERIAL.
MARK OUTSIDE OF BID ENVELOPE: SEALED BID FOR SPEC.03-002**

COMPANY NAME

BY (Signature)

STREET ADDRESS or P.O. BOX

(Print Name)

CITY, STATE ZIP CODE

(Title)

TELEPHONE NO. FAX No.

(Date)

EMPLOYER'S FEDERAL I.D. NO.
OR SOCIAL SECURITY NUMBER

ESTIMATED DELIVERY DAYS

TERMS OF PAYMENT

E-MAIL ADDRESS

Bids may be inspected in the Purchasing Division offices during normal business hours, after tabulation by the purchasing agent. If you desire a copy of the bid tabulation to be mailed to you, you must enclose a self-addressed stamped envelope with your bidding documents. Bid tabulations can also be viewed on our website at: <http://www.ci.lincoln.ne.us/city/finance/purch/specindx.htm>